

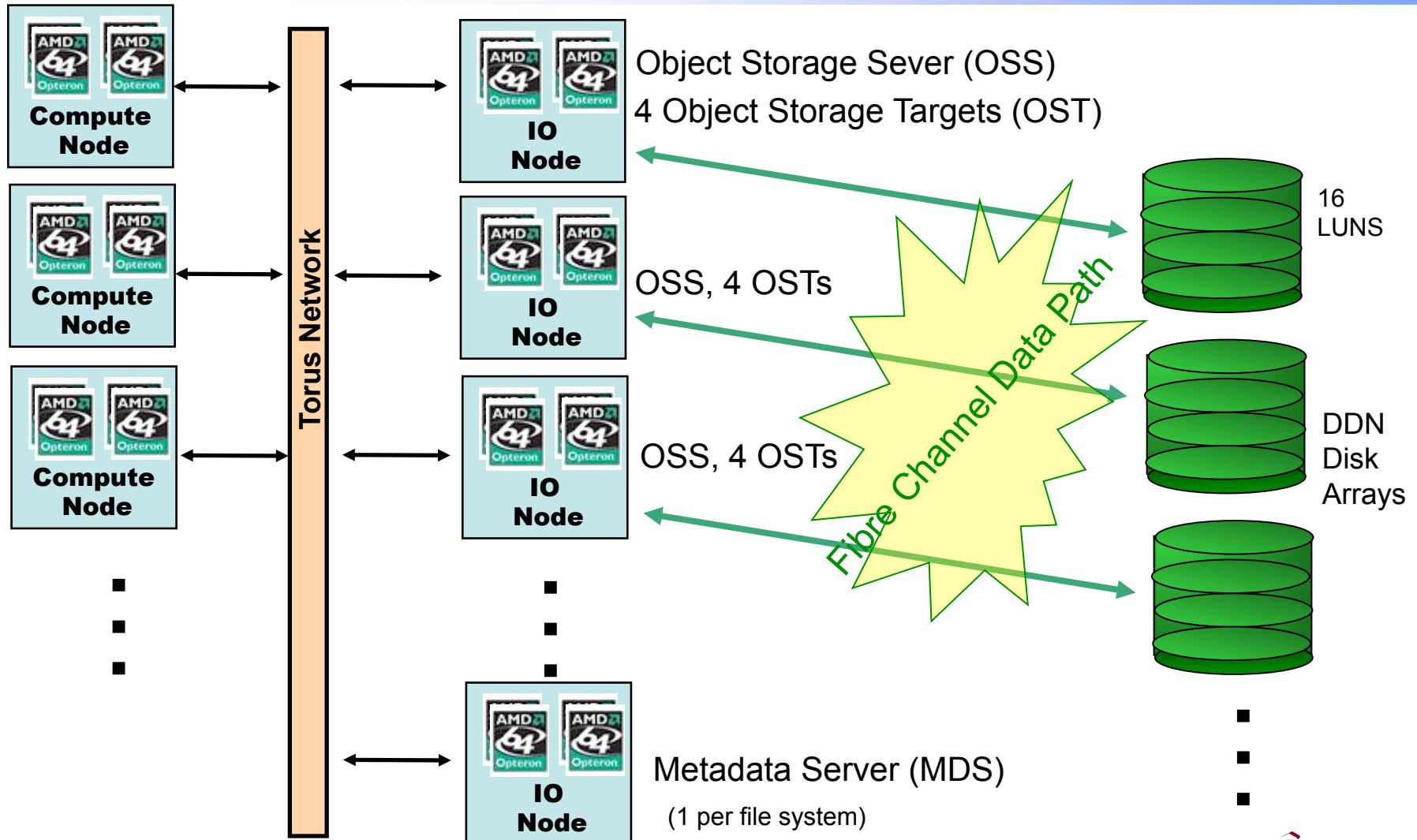
Lustre at NERSC

Andrew Uselton



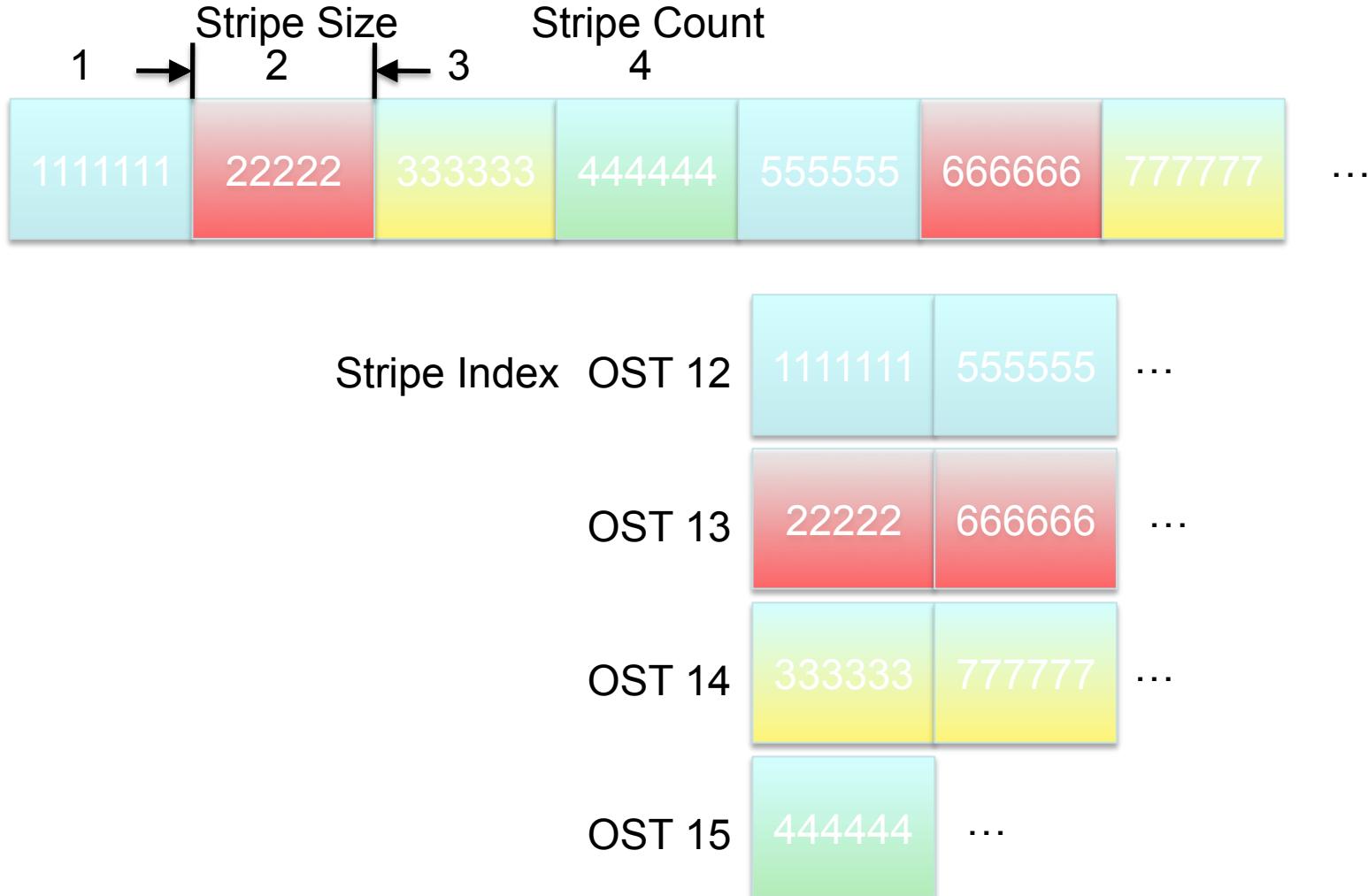


The Franklin /scratch File System



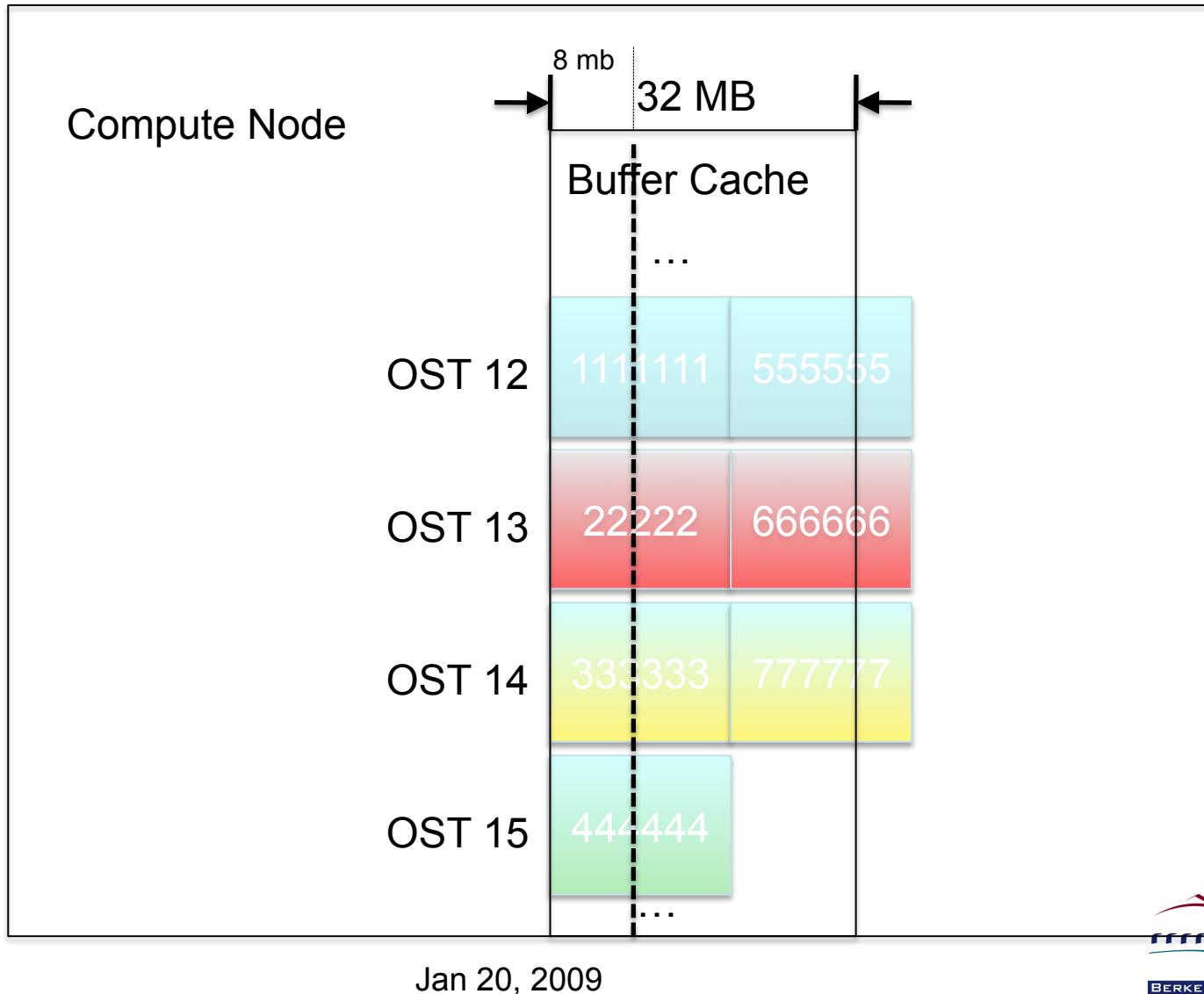


File Layout





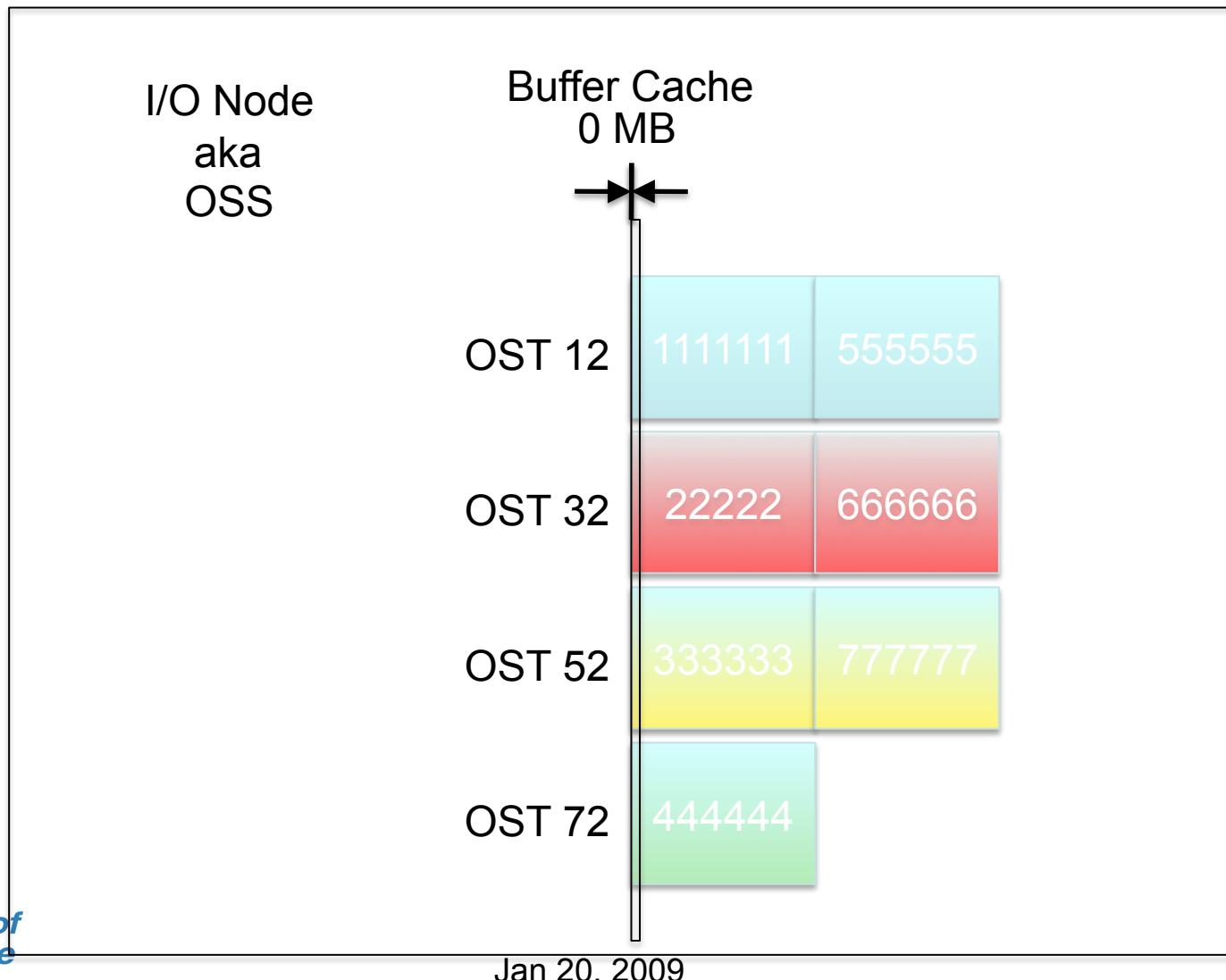
Client Buffer Cache





OSS Buffer Cache

(there is none)





A Final Note on Buffer Cache

- Clients: 9660 cn * 640 mb/cn = 6037 GB
- OSSs: 20 oss * 8 gb/oss = 160 GB
- DDNs: 5 ddn * 2 gb/ddn = 10 GB



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